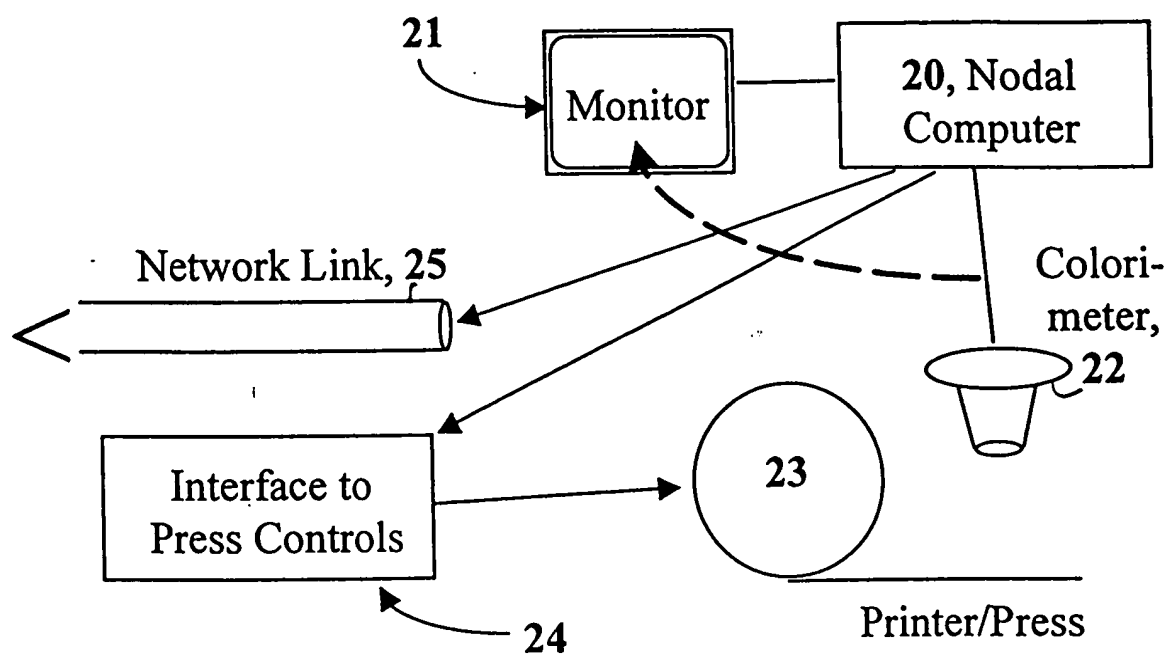


FIG. 1



**FIG. 2**

**User invokes measurement routine to verify that physical gray balance and tone reproduction conform to current profile**

User places proofing or printing stock so that it can be compared, under desired illumination, with display screen

User invokes teaching program:

1. Program creates on screen a large window filled with color of current system white point
2. Program provides adjustment controls for each of display primary channels in region of screen
3. User adjusts controls to match screen and stock visually
4. Program invokes routine to measure User-requested white balance; data are saved for use in calibrating color devices
5. Color transforms are updated as needed at nodes

User has option of verifying that newly defined white point matches reference stock and illumination and re-iterating as needed

**FIG. 3**

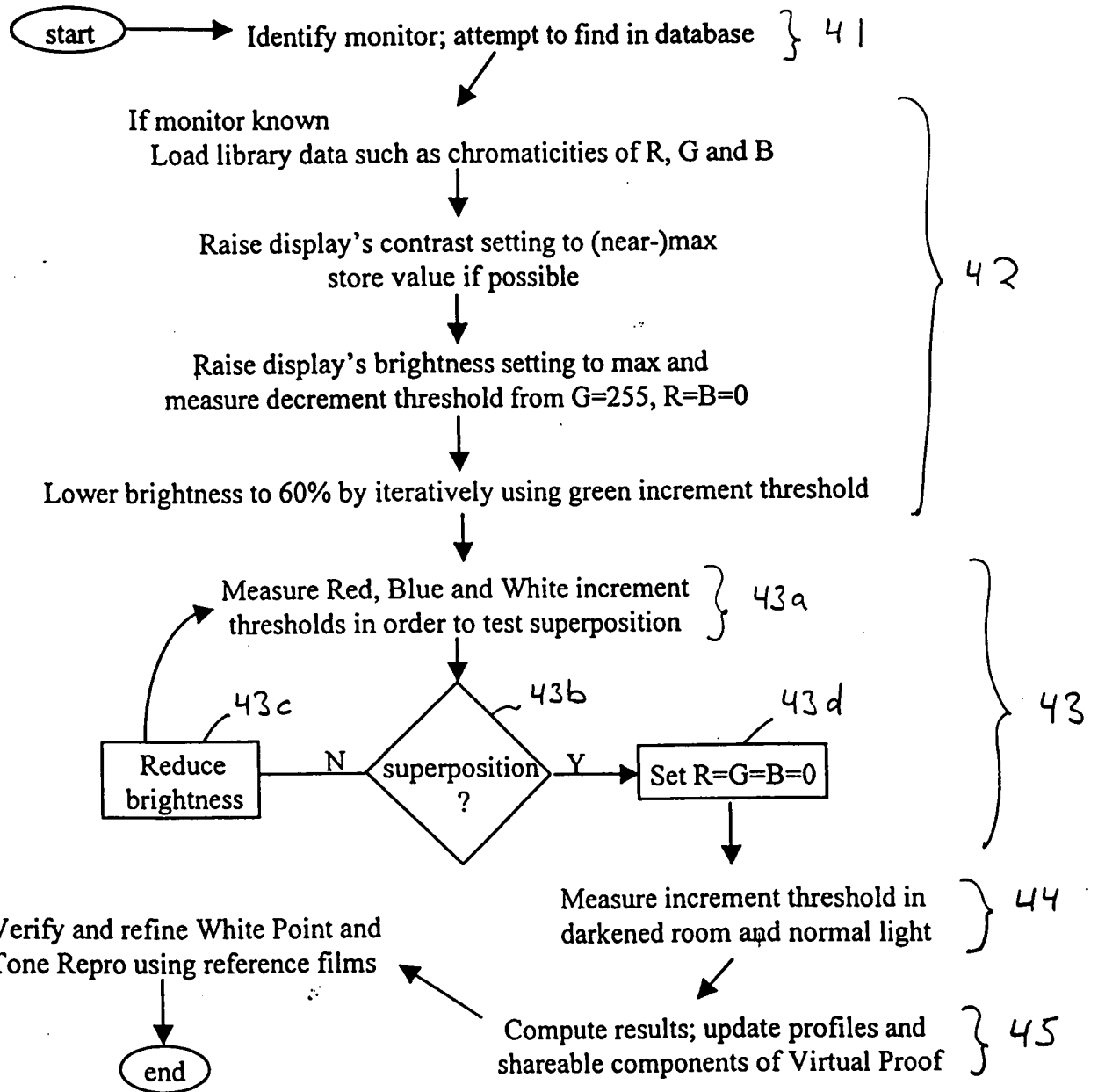
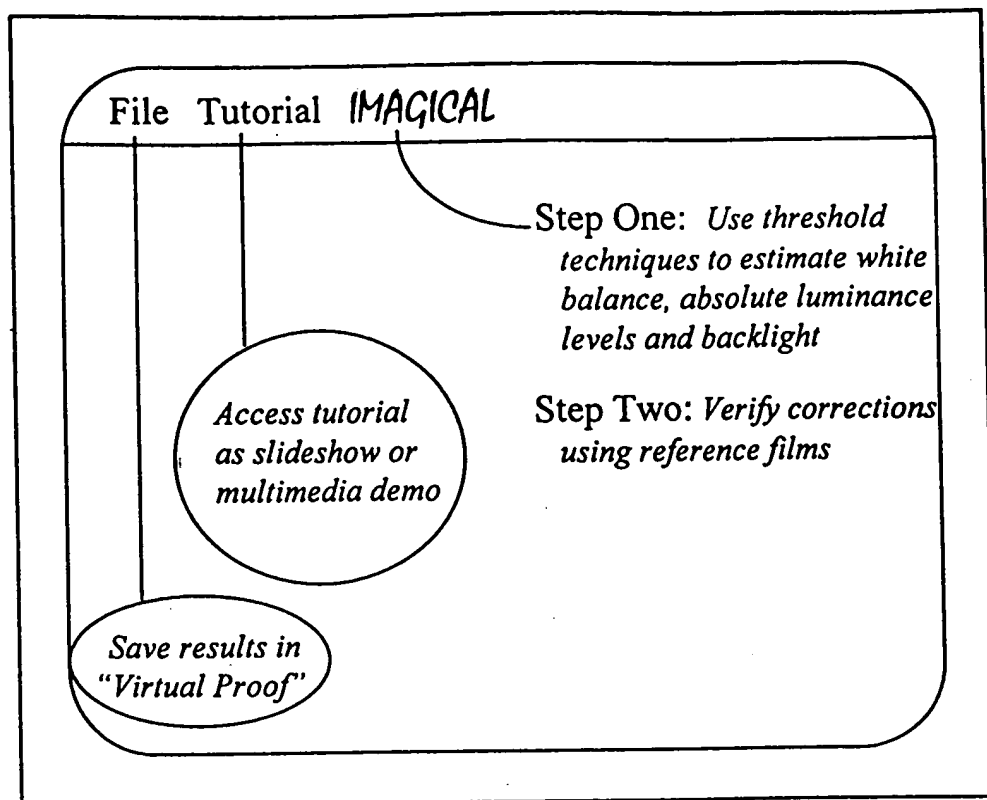


FIG. 4



**FIG. 5**

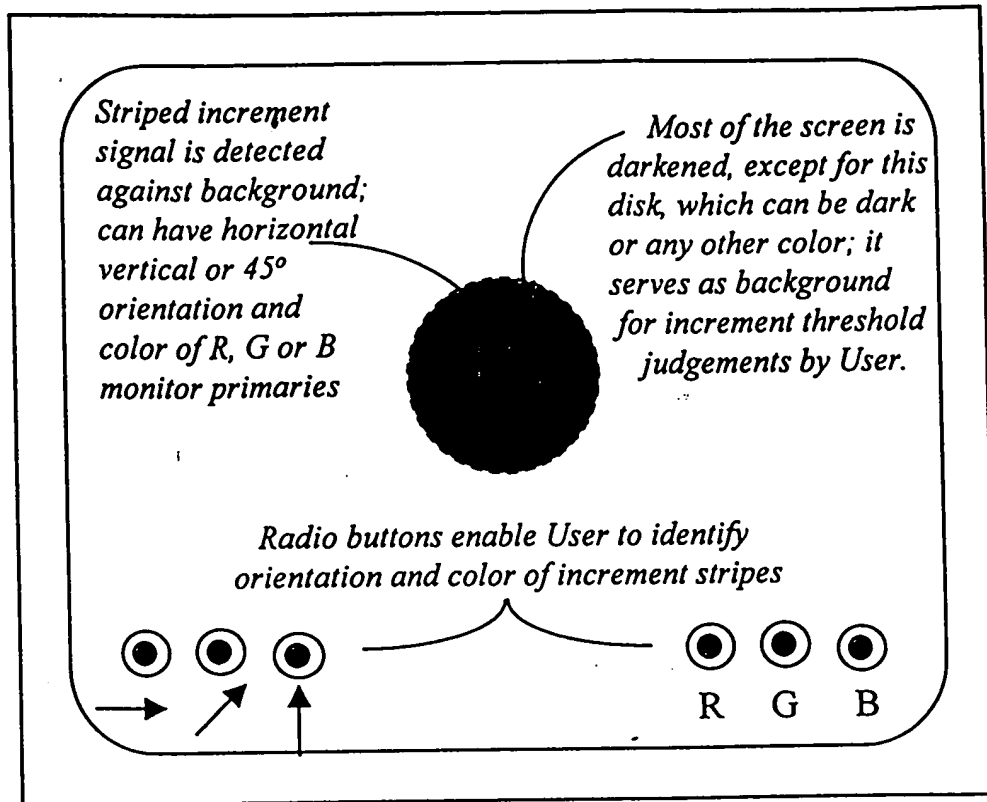


FIG. 6

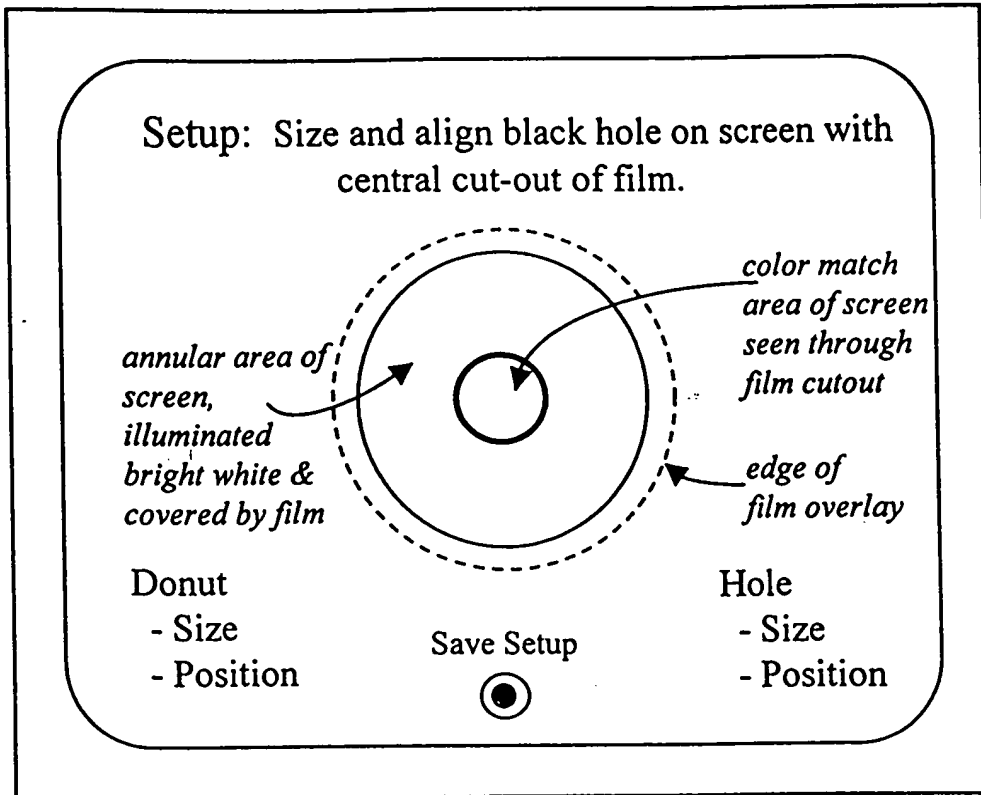
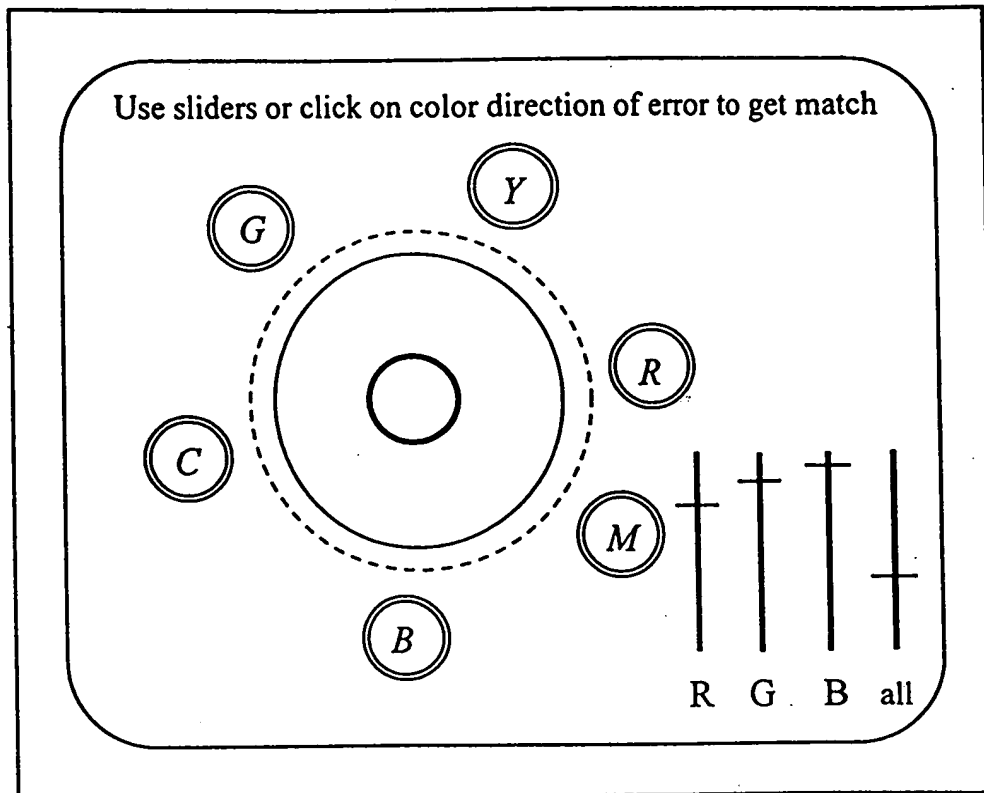


FIG. 7



**FIG. 8**



### Prepare Normative Color-Matching Data:

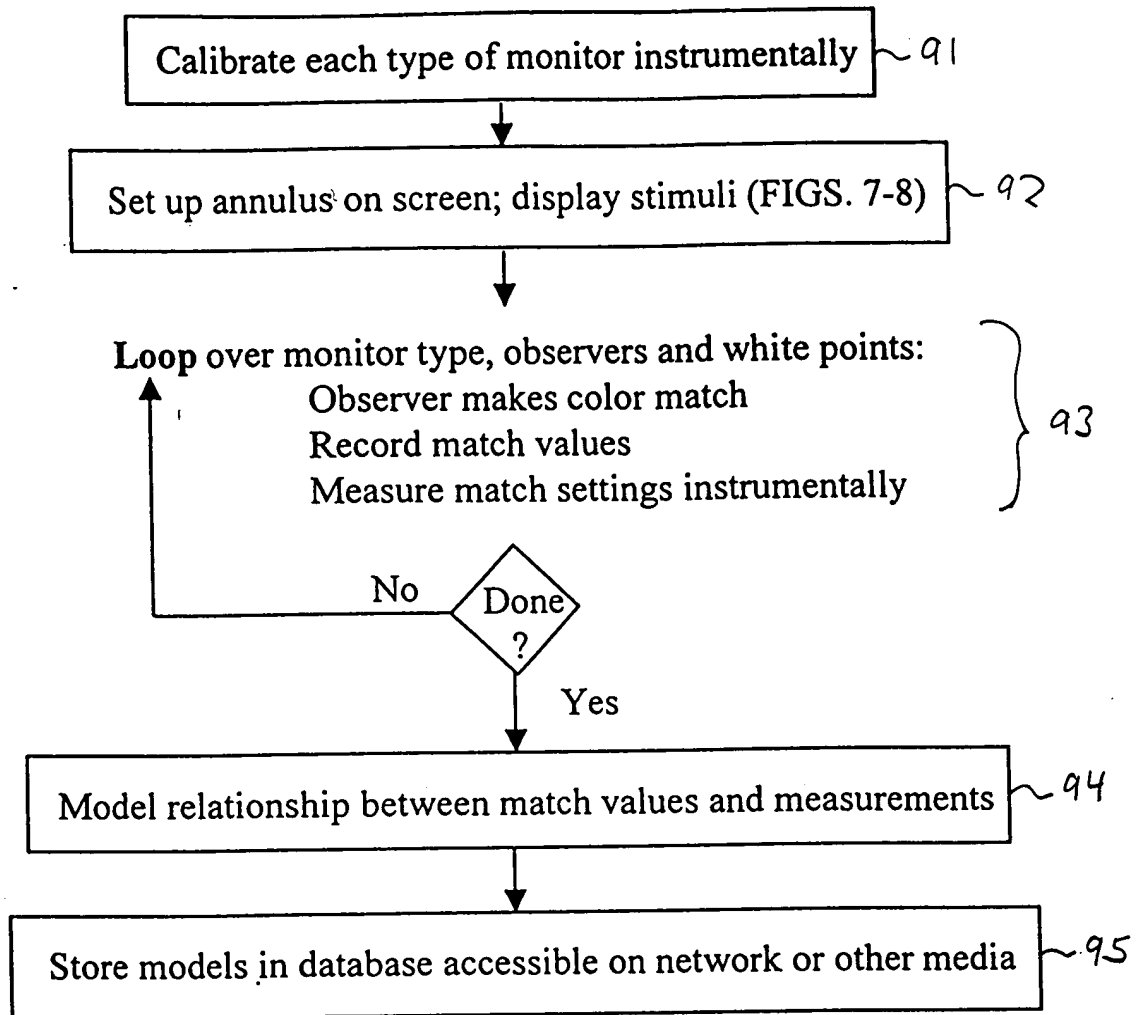


FIG. 9A

### Use Normative Data in Subjective Calibration:

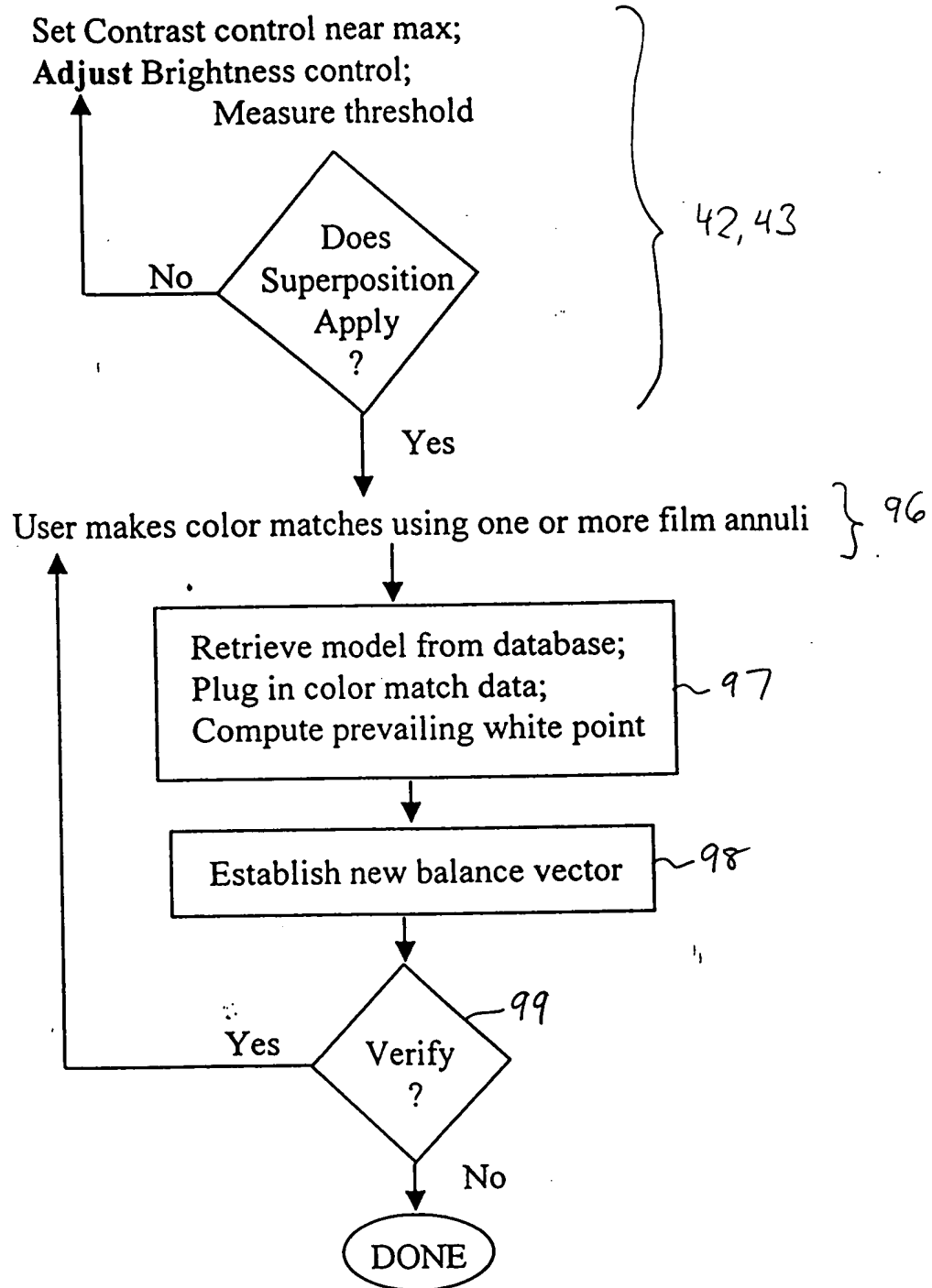
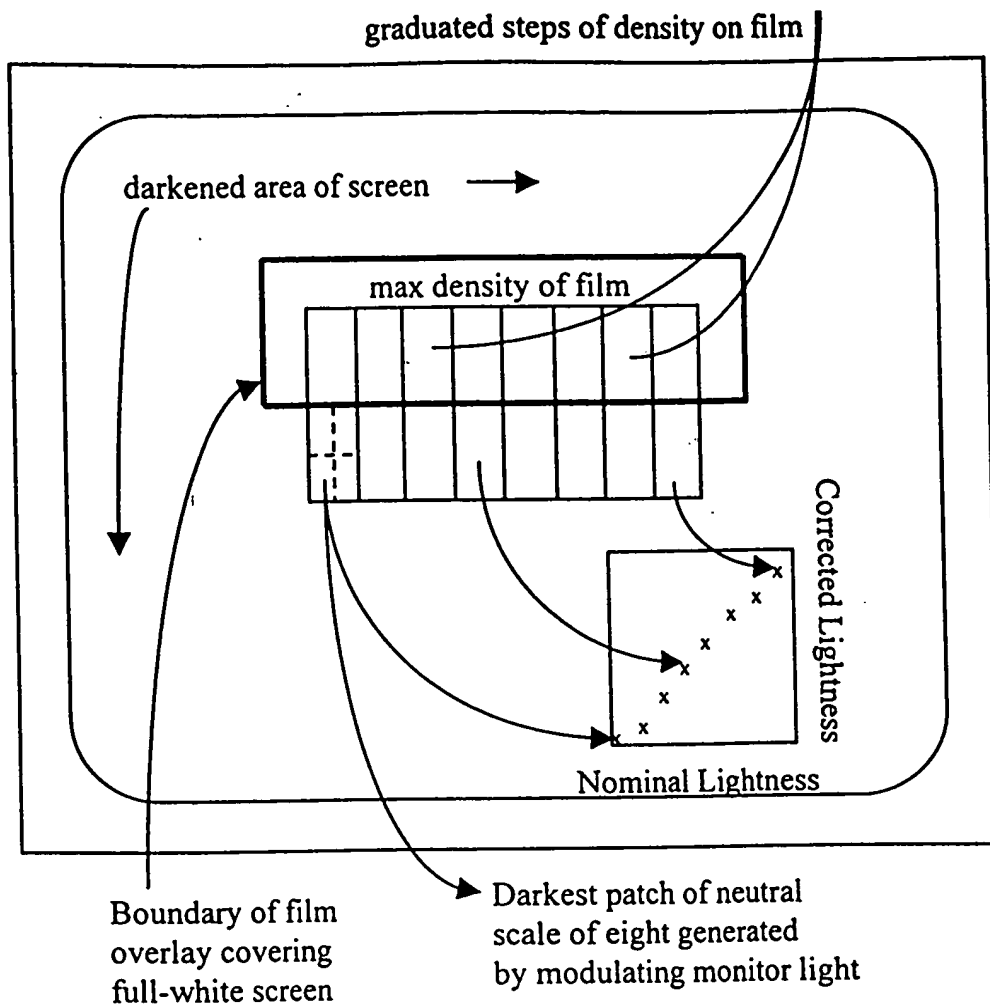
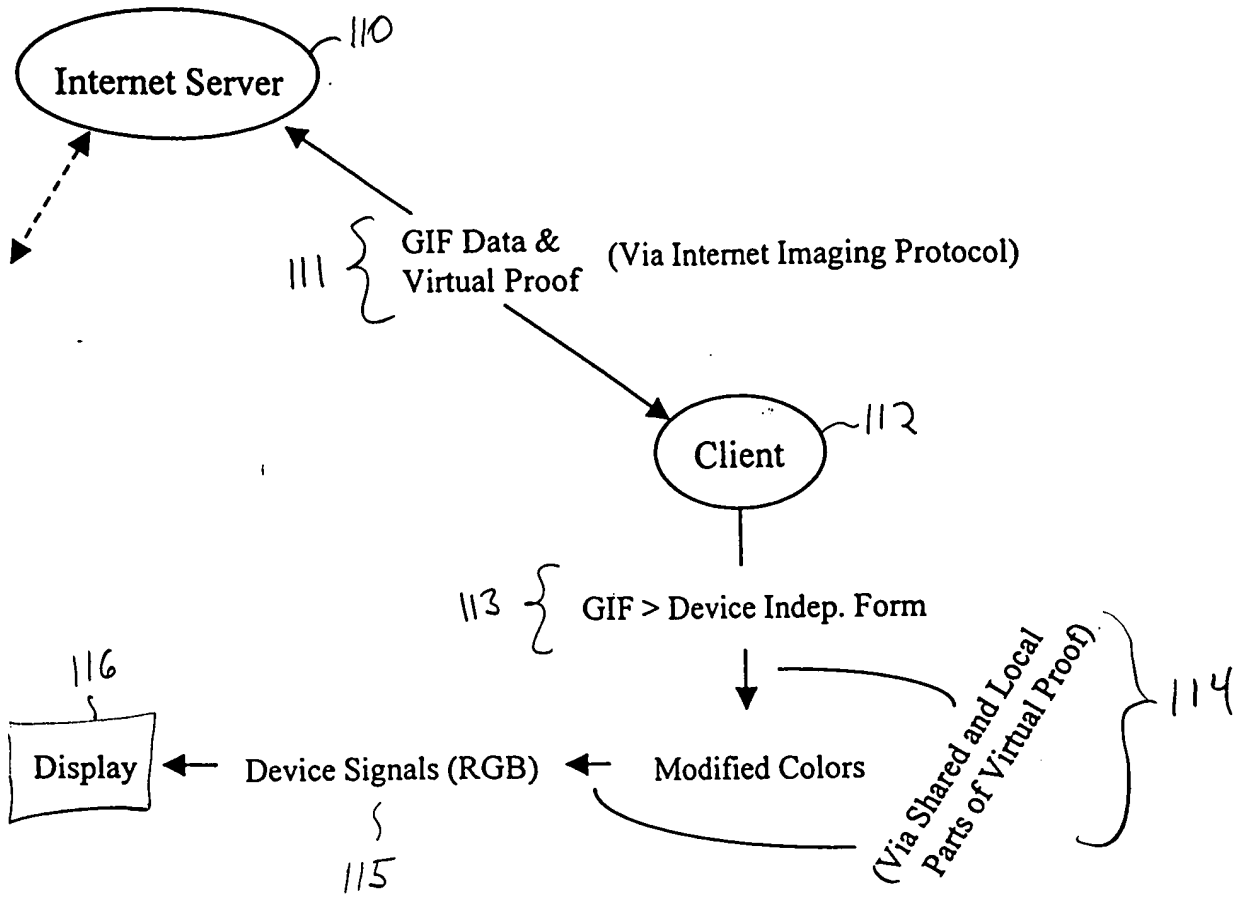


FIG. 9B



**FIG. 10**



**FIG. 11**

## Rendering Decisions at Receiver:

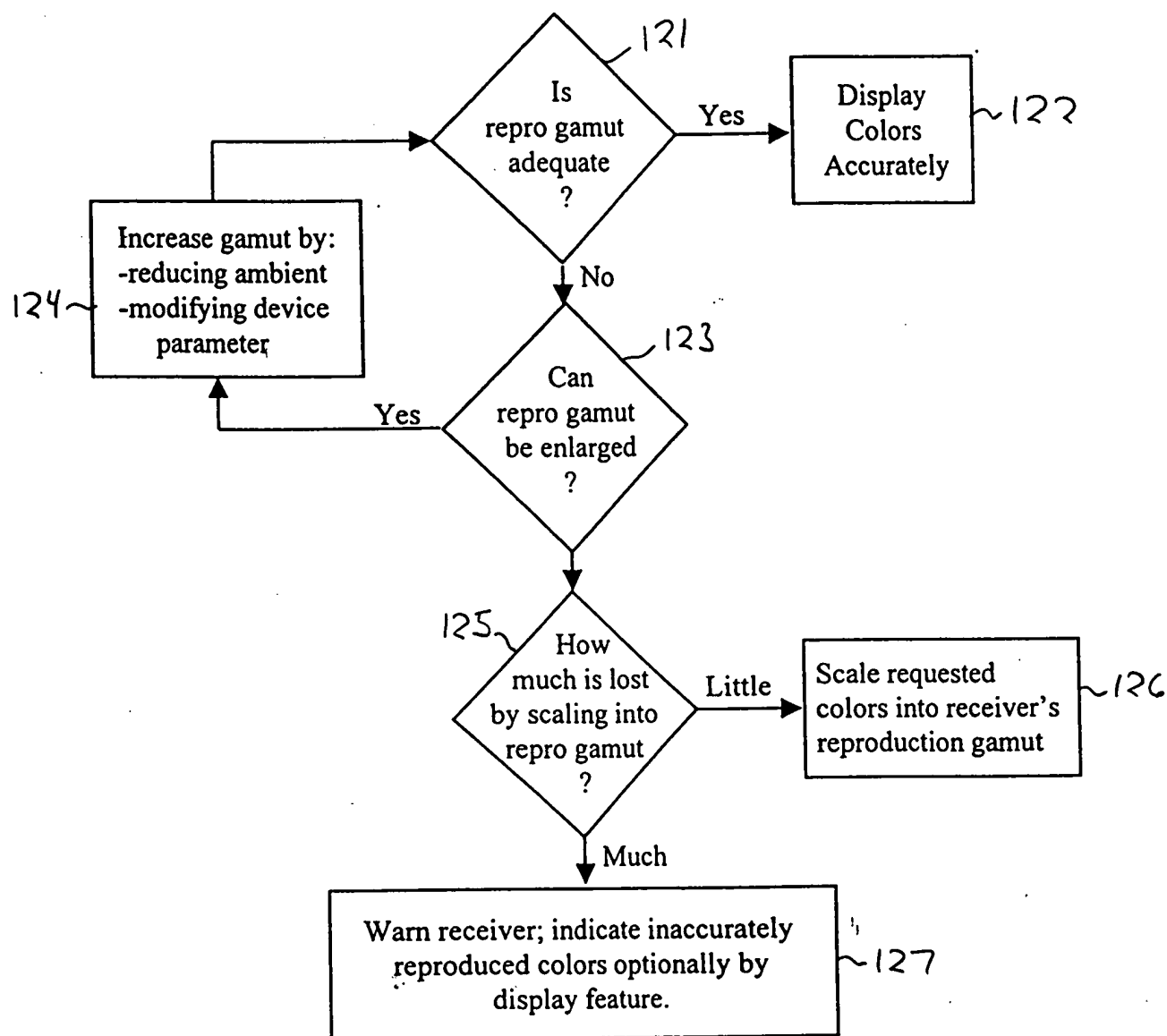


FIG. 12

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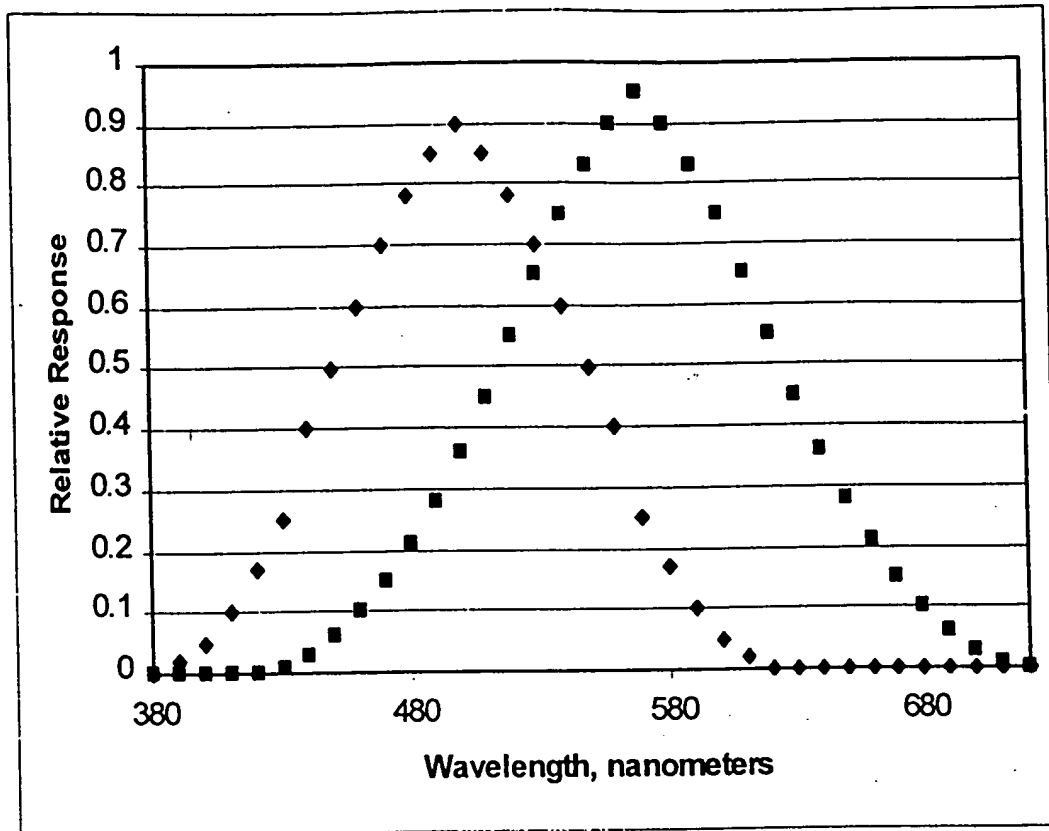


FIG. 13

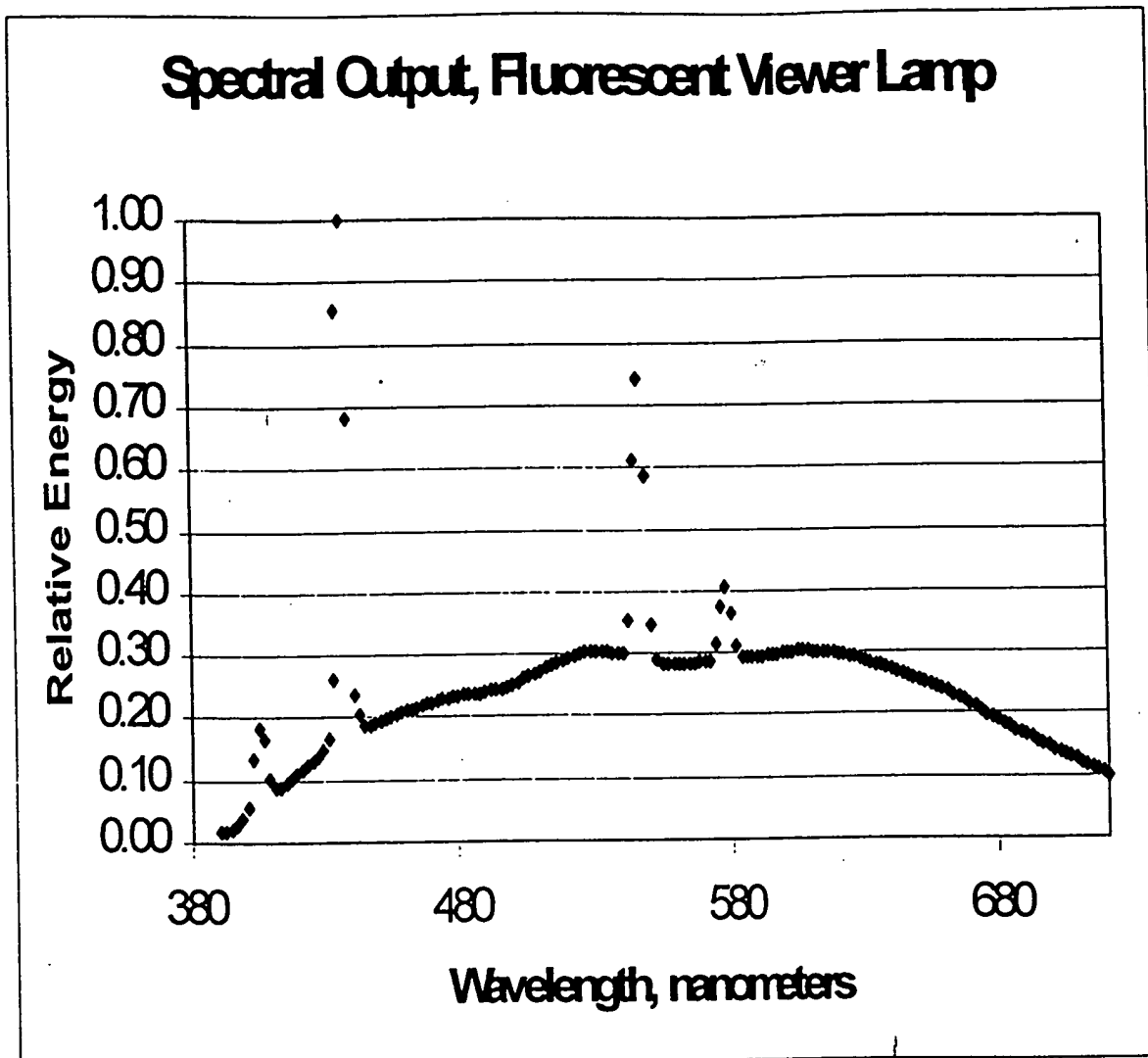


FIG. 14

FIG. 15

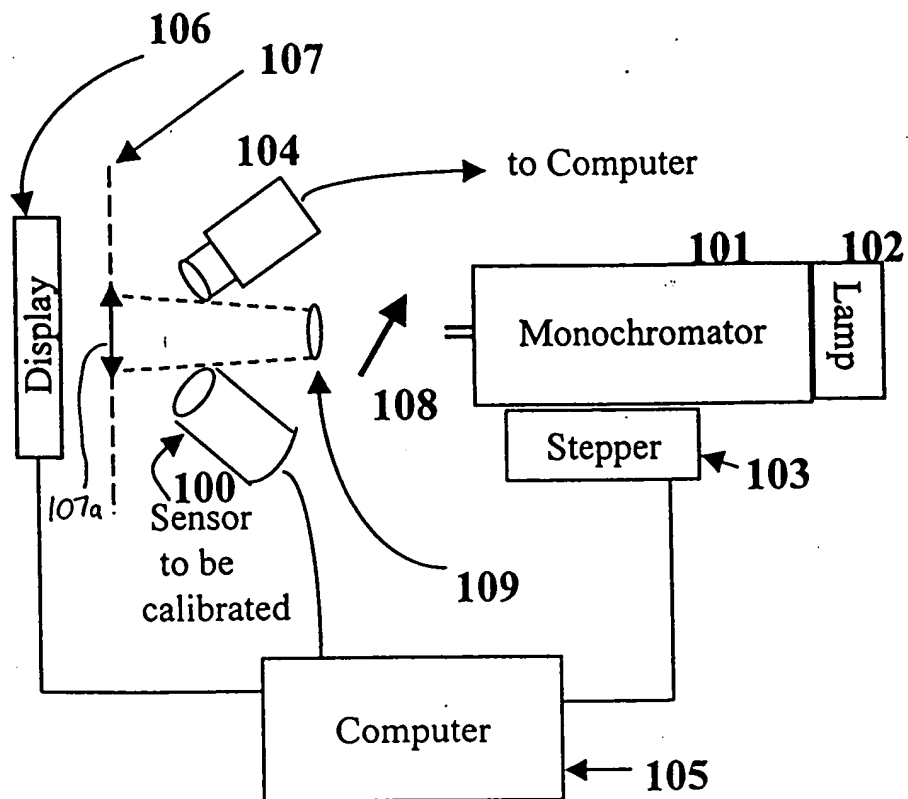


FIG. 15



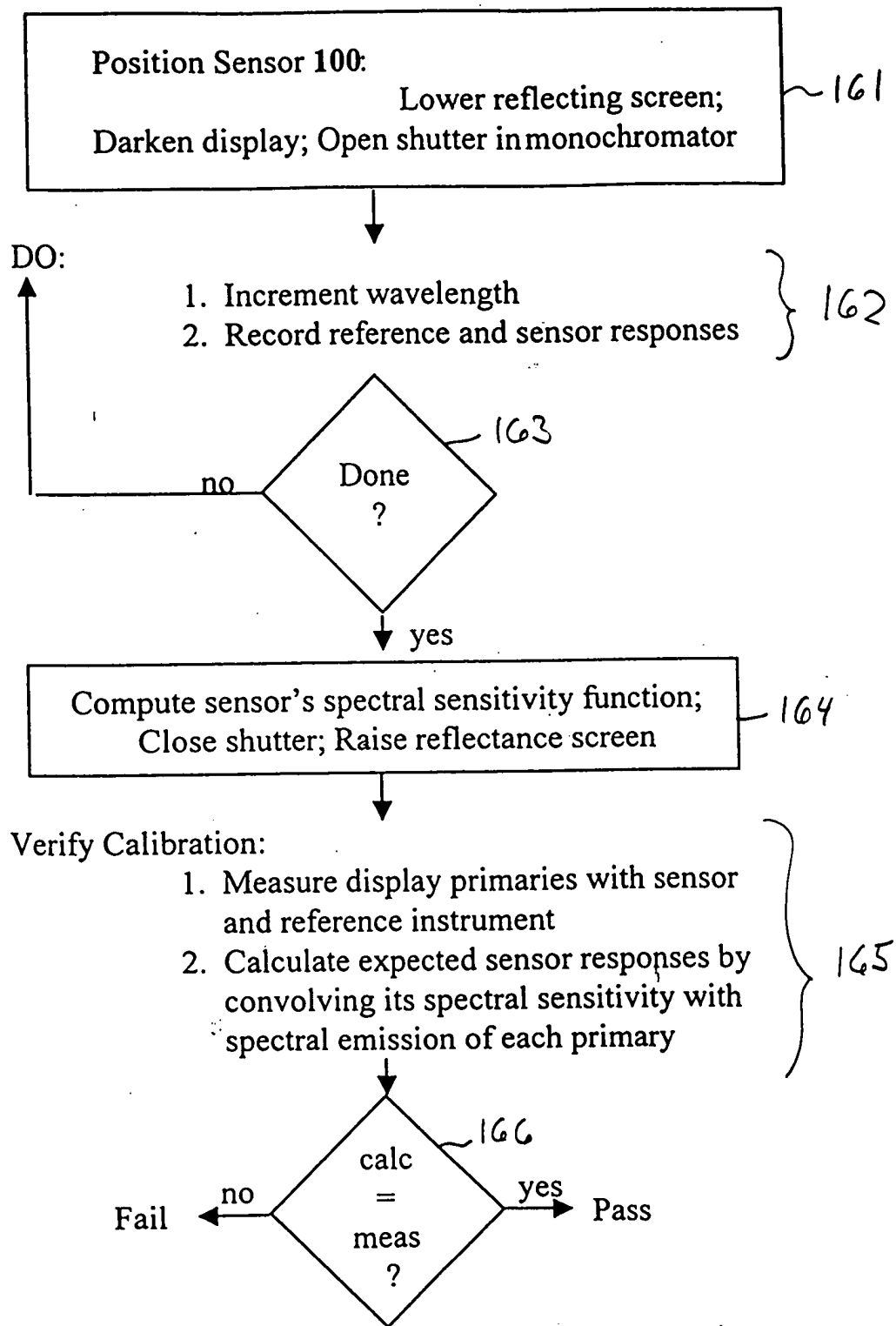


FIG. 16